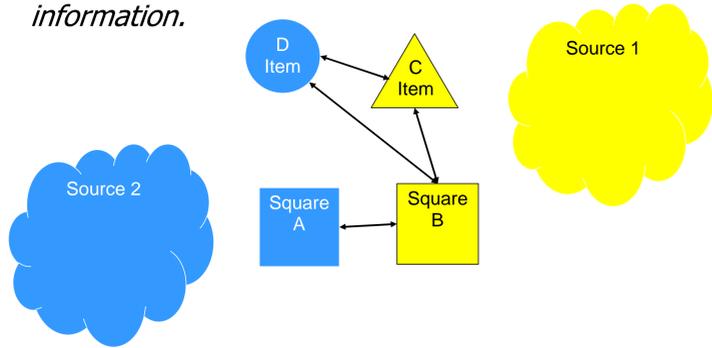


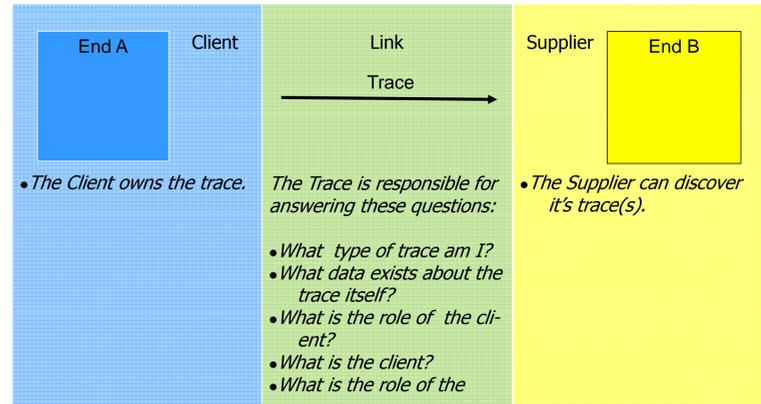
NASA IV&V Artifact Mapping Tool

Artifact Tracing Capability

- Ability to trace (associate / map) an item with any other item regardless of the source of the item's information.

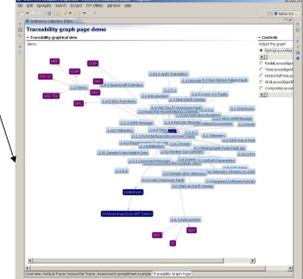
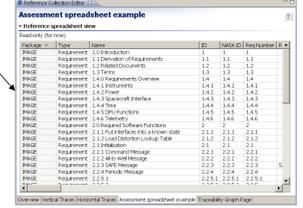
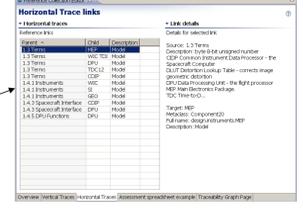
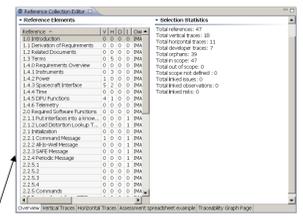
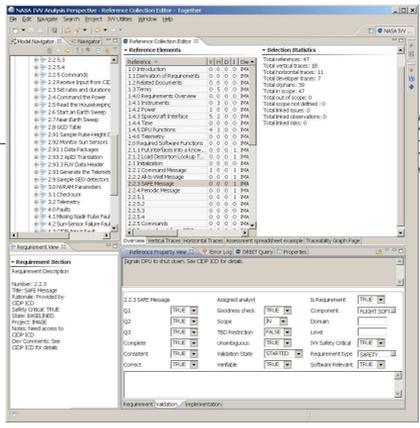
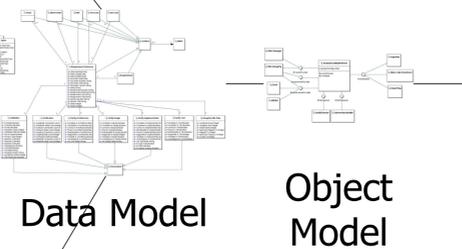
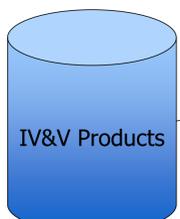


ATC Interfaces



Integrated Analyst Workbench

- Multiple backend repositories
- Multiple views of client-side data
- UI to enable workflow
- Extensible and customizable



Key Lessons Learned

- Integrating the requirements (artifacts) with the IV&V work is a major obstacle that has a large impact on the team's ability to meet milestones.
- We cannot reference developer requirements (artifacts) if they are not individually captured in a reasonable data structure.
- Improper normalization of the database reference tables negatively impacts the ability to produce a functional user interface.
- Tightly coupling the user interface and the back-end database makes it difficult to support customization on a project by project basis.

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